

FIG. 1 - PRODUCT CYCLE

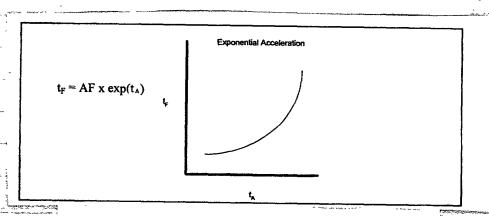


FIG. 2 - Exponential Acceleration

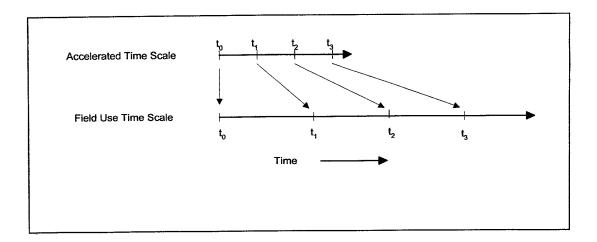


FIG. 3 - Correlation between Accelerated and Field Use Time Scales

UNITA	CSS	HSS	RT	Vib	CE	Average Time to Failure	λ
HALT 1 First Failure (time to failure in hours)	2	1.35	0.23	0.88	0.92 5	1.077	0.929
HALT 2 First Failure (time to failure in hours)	1.525	1.51	1.05	1.38	1.45	1.383	0.723

 \overline{R}^* (see eq. 6)

· · · · · · · · · · · · · · · · · · ·	1.36	ESTIMATE FOR RELATIVE LIFE
BOM MTBF	298462	
MTBF for Redesigned Unit	405908	
(see eq. 12) -*	0.614	
$VAR(\overline{R}^*) =$		
90% Confidence Limits for \overline{R}^*		
(see eq.10)		F16.4
Lower Li	mit -0.98	
Upper Li	mit 1.59	
90% Confidence Limits for R		
(see eq.11)		
Lower Li	mit 0.374	
Upper Li	mit 4.90 0	

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UNIT B	css	HSS	RT	Vib	CE	Average Time to Failure	λ
HALT 1 First Failure (time to failure in hours)	1.23	1.38	1.38	1.48	0.18	1.13	.88
HALT 2 First Failure (time to failure in hours)	2.03	1.38	.225	1.83	.225	1.14	.88

 \overline{R}^* (see eq. 6)

0.0

$ar{R}$ (see eq. 7)*	1.0. ESTIMATE FOR RELATIVE LIFE I
BOM MTBF	232000
MTBF for Redesigned Unit (see eq. 12)	232000
$VAR(\overline{R}^*) =$	0.516

90% Confidence Limits for \overline{R}^*

FIG. 5

(see eq.10)

Lower Limit -1.18 Upper Limit 1.18

90% Confidence Limits for R

(see eq.11)

Lower Limit 0.306 Upper Limit 3.25**0**

UNITC	css	HSS	RT	Vib	CE	Average Time to Failure	λ
HALT 1 First Failure (time to failure in hours)	1.48	1.20	0.55	1.22	0.81	1.05	0.95
HALT 2 First Failure (time to failure in hours)	1.87	1.30	1.67	1.06	0.33	1.25	0.80

 \overline{R}^* (see eq. 6)

0.20

$\overline{\mathcal{R}}$ (see eq. 7):	122	ESTIMATE FOR RELATIVE LI	
BOM MTBF	363300		2 2
MTBF for Redesigned Unit (see eq. 12)	443226		
$VAR(\overline{R}^*) =$	0.53		***************************************
90% Confidence Limits for \overline{R}^*		FIG. 6	and have the first property or a contraction of the first hand the
(see eq.10) Lower Lii	mit99		ب ما محمد بيد
Upper Lin	mit 1.39		ns. In the part of the high ten the ten in
90% Confidence Limits for R (see eq.11)			The state of the s
Lower Li Upper Li			